

roseus is uniformly brick-red except for an ivory-white border.

Incidentally, Alcock (1898, *Journ. Asiat. Soc. Bengal* 67, page 97), describing the coloration of *A. roseus* recorded from Madras

E-31, CUSROW BAUG,
COLABA CAUSEWAY,
BOMBAY-400 039,
March 15, 1979.

and Karachi, gives it as "Colours in spirit brownish yellow." On the contrary, he has described the colours in spirit of *A. integririmus* as "pinkish ochre."

B. F. CHHAPGAR

16. NEW RECORDS OF EUPHORBIACEAE FROM MADHYA PRADESH

Among trees and shrubs enumerated by Biscoe (1910), 8 genera and 12 species of Euphorbiaceae were recorded from the erstwhile Indore State; while among weeds, Kenoyer (1924), reported 4 genera and 9 species of this family from the former princely state of Gwalior and adjacent parts. After reorganisation of states the floristic composition of Madhya Pradesh has been assessed and evaluated by Heweston (1951), Sagreiya and Singh (1958), Tiwari (1968) and Khan (1973).

Panigrahi and Prasad (1967) reported 23 genera and 47 species of Euphorbiaceae from Madhya Pradesh, while 14 genera and 27 spe-

cies have been described by Kaushik (1969, 1974) from Shivpuri (M.P.). Recently a few more have been added by Oommachan (1973) and Javed (1975) from Bhopal, but none of these authors have included the following plants in their respective works.

(1) *Euphorbia microphylla* Heyne, (2) *E. trigona* How., (3) *Jatropha podagrica* Hook., (4) *Pedilanthus japonica* Hook., (5) *Phyllanthus nivosus* Bull and (6) *Synadenium grantii* Hook.

Thus these 6 species belonging to 5 different genera collected from Bhopal are new records from Madhya Pradesh as a whole.

DEPARTMENT OF BOTANY,
SAIFIA COLLEGE,
BHOPAL (M.P.) 462 001,
September 23, 1976.

S. A. CHAGHTAI
ARUNA GARG

REFERENCES

BISCOE, W. F. (1910): A List of Trees and Shrubs of the Indore State, Times Press, Bombay: 71-75.

HEWESTON, C. E. (1951): Preparation of a Flora for Madhya Pradesh and Central Parts of Indian Union. *J. Bombay nat. Hist. Soc.* 50: 431-433.

JAVED, A. (1975): A Study of the Medicinal

Trees of Bhopal. M.Sc. Thesis. Bhopal University. (Unpublished).

KAUSHIK, J. P. (1969): A Contribution to the Flora of Shivpuri, Madhya Pradesh. *Bull. Bot. Survv. India*, II, (1 & 2): 51-69.

————— (1974): Some Plants from Shivpuri District, Madhya Pradesh. *J. Jiwaji Univ.* II, (1): 58-64.